

Orange Line 30-Day Surge

Week 1 Progress Update

August 19 - September 18, 2022

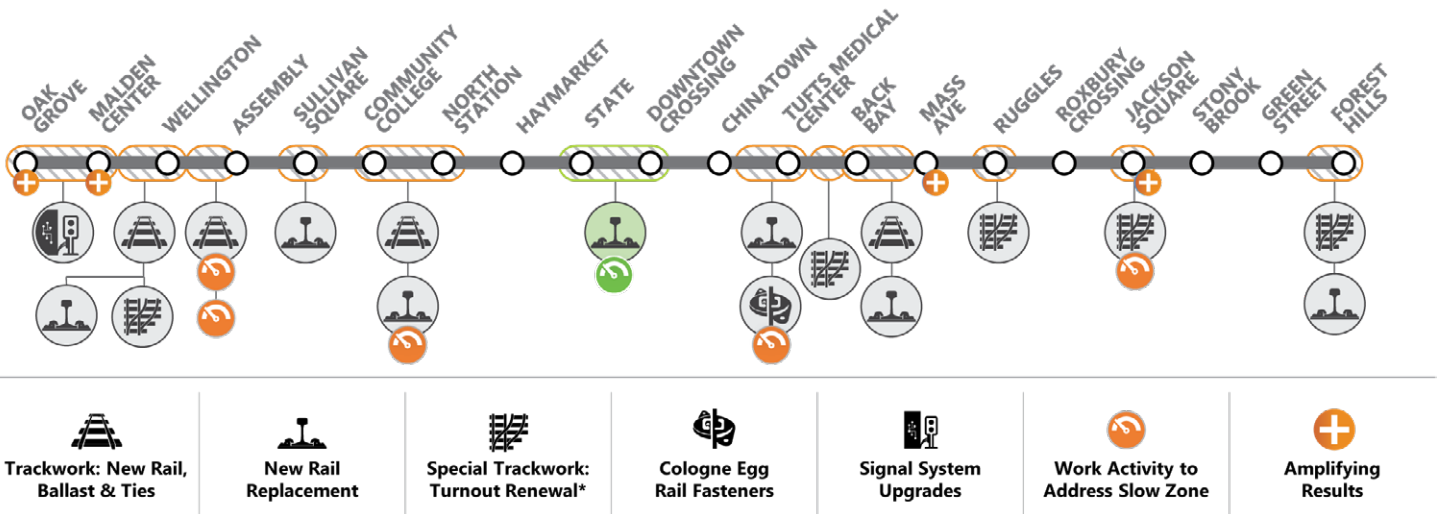
Prepared by Capital Transformation (CT)



On-Schedule | Friday, August 26, 2022



The MBTA has completed the first week of the **Orange Line Surge**, a collaborative effort that focuses on important safety, service, and reliability upgrades across the entire line. Surge work locations focus on track and signal upgrades and are depicted in the map below.



Orange Line Surge: Accelerating important reliability upgrades during a 30-day surge of the entire line from 9 PM on August 19 through September 18. The surge work focuses on track, rail, and signal system upgrades that will address slow zones across the Orange Line

- **This Week |** Work was completed that addressed a slow zone in a critical area between Downtown Crossing and State Station. Also, multiple crews made progress on rail and ties replacement near Wellington, Assembly, Sullivan Square, Tufts Medical Center, Ruggles, and Jackson Square. Signals work advanced at Oak Grove

*Schedule subject to change with weather conditions and in accordance with public health directives
Project percentages represent the value of the installed work

14,000 Linear Feet of Rail Replacement



29% Completed

20 Units of Special Track Renewal*



47% Completed

Replacing Cologne Egg Rail Fasteners



10% Completed

3,500 Feet of Track Replacement



22% Completed

*Includes both total replacement and partial component replacement



Track Replacement Wellington



Special Trackwork Wellington



Special Trackwork Ruggles

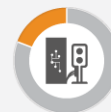
This Week:

- At Wellington, crews completed installing ductbanks, asphalt for special trackwork and began renewing over 2,000 feet of full-depth track and rail replacement. Teams installed two units of special trackwork and weather-resiliency infrastructure to protect against snow and ice
- Tie replacement is ongoing across the Dana Bridge; crews have replaced over 100 ties and are continuing toward the North Station tunnel. Tie replacement and special trackwork component renewal at Ruggles and Jackson Crossovers are approximately halfway complete
- Cologne egg hardware removal at Tufts Curve is ongoing for replacement on the northbound and southbound tracks
- Signals work advanced at Oak Grove and Malden and test trains were set up for future testing



Signal Upgrades Oak Grove

Signal Upgrades Oak Grove & Malden



19% Completed



Rail Fasteners Tufts Curve

Removal of 6 Slow Zones



1 of 6 Completed

- **Lookahead** | Rail replacement and trackwork will continue near Wellington, Assembly, Sullivan Square, Tufts Medical Center, Ruggles, and Jackson Square. Signals work at Oak Grove and Malden continues
- **Did you know?** Cologne egg rail fasteners, which were developed in Cologne, Germany, are special rail fasteners used in high-vibration and noise-sensitive areas like Tufts Medical Center

Amplifying Results



The MBTA is leveraging work windows that do not impede the priority work to achieve other planned repairs and upgrades. This week, these efforts were completed:

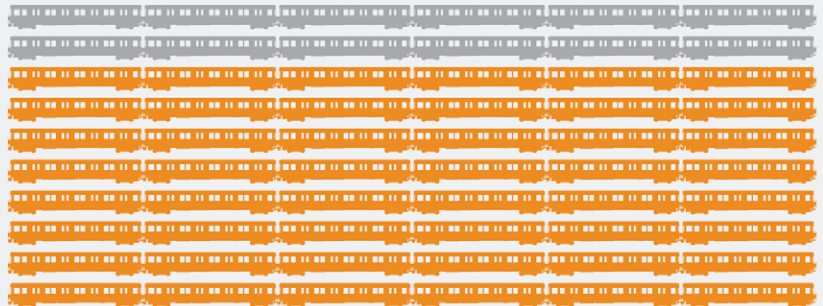
- **Massachusetts Avenue and Jackson Square Blackout Tests:** Work included testing the stations' generators and identifying additional emergency lighting needs
- **Rub Rail Repair at Oak Grove and Malden Center:** Crews completed the inspection and repair of each station's rub rails, which are attached to the outside edge of platforms to protect the concrete from the wear and tear of passing trains

New Orange Line Trains Readiness

During the Surge, 60 new Orange Line cars are being prepped for when Orange Line service is restored on September 19. Following the Surge, riders will experience better service on an Orange Line fleet that is predominately new cars



**48 of 60
Cars Ready**



Did you know?

Six cars make up a full train

Safety First



Safety briefings kicked off the surge, and they continue multiple times a day at work sites across the Orange Line to make sure everyone working in the field has the safety gear they need and stays informed about crucial, up-to-date safety information each shift.



Alternative Service



Alternative service options include free, accessible shuttle bus service and enhanced commuter rail service. For travel within downtown Boston, riders are encouraged to use existing bus and Green Line service. The City of Boston has increased the availability of Bluebikes and created new bus and bike lanes

- Check out [mbta.com/bbt2022](https://www.mbta.com/bbt2022) for more information on what to expect throughout the closure and how to navigate the service diversions
- The MBTA has created the [Rider's Guide to Planning Ahead](#), a tool to provide riders with available travel options and information to inform travel decisions. You can use the trip planner for more personalized route options to get you where you need to go. Download the Rider's Guide to Planning Ahead in your preferred language: [English](#), [Español](#), [Português](#), [漢語](#), [Français](#), [Kreyòl Ayisyen](#), [Af Soomali](#)
- For more information, connect with the T on Twitter [@MBTA](#), #TAccess, #RideSafer, #BuildingABetterT, Facebook [/TheMBTA](#), or Instagram [@theMBTA](#). You can also submit questions and comments to OLT@mbta.com



Rider Experience



Over the first week of the Surge, we have listened to our riders, learned from their experiences, and made necessary wayfinding and service adjustments to our alternative service. Transit Ambassadors are on site to help riders get to where they need to go. Expanded bus stops that have dedicated space for passengers to wait on the sidewalk and for multiple buses to stop for boarding have been installed along the Orange Line

- Signage has been placed in and around stations to guide passengers on how to get to these new stops. Temporary bus lanes have been implemented to allow shuttles to run smoothly, with the assistance of MBTA and municipalities to guide traffic. As work progresses, we will continue to solicit your feedback and will do our best to respond to the needs of Orange Line riders

Sign up for T-Alerts and check out our project updates online

See our Green Line Project Updates Here

See our Orange Line Project Updates Here

See our Red Line Project Updates Here